

Income Data Worksheet



Name: _____

1. Determine equations to represent income growth for the USA, New York, District of Columbia, and Louisiana. Round numbers to 3 decimal places, or as instructed by your teacher.

2.



USA: _____



NY: _____



DC: _____



LA: _____

3. Using the equations above, determine the rate of growth as a percentage for each region. Recall that $A=A_0(1+r)^x$. Show your work for determining each percentage.



USA: _____%



NY: _____%



DC: _____%



LA: _____%

4. Unlike the other regions, Louisiana's data takes a surprising "dip". What likely explains this decrease?

5. Based on the models you created in question #1, predict the income in 2010 for each of these regions. Show work, or explain how you arrived at your predictions.



USA: _____



NY: _____



DC: _____



LA: _____

6. Based on your models, in what year can Louisiana residents expect their average per capita income to reach the 2005 Washington D.C. income level?